Power demand projection

1441. SHRI TAPAN KUMAR SEN:

SHRI PRASANTA CHATTERJEE:

Will the Minister of POWER be pleased to state:

(a) the power demand projection during the last three Electric Power Surveys (EPSs);

(b) the actual demand against the projected figure; and

(c) the power demand projection for 2020 to 2030?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) The statement containing the projections of demand as per the last three Electric Power Survey Reports (15th, 16th and 17th EPS) as well as the actual demands in terms of electrical energy requirement and peak electric load (from 1993-94 to 2006-07) are given in Statement-I & II *(See* below).

(c) The 17th Electric Power Survey Report, the latest in the series has projected a forecast up to the year 2021 -22. No projection has been made beyond year 2022 in the 17th EPS.

Statement-I

The power demand projection during the last three electric power surveys

Year	Actual	15th EPS	16th EPS	17th EPS
	Requirement	Projection	Projection	Projection
1	2	3	4	5
1993-94	323252	324417		
1994-95	352260	349346		
1995-96	389721	376679		
1996-97	413490	405823		
1997-98	424505	436258		
1998-99	446584	469057	429117	
1999-00	480430	502254	466066	
2000-01	507216	535903	496266	
2001-02	522537	569650	529013	
2002-03	545983		562572	
2003-04	559264		597947	
2004-05	591373		635065	602787
2005-06	631554			654603

1	2	3	4	5
2006-07	690587	781863	719097	697961
2007-08				744515
2008-09				794561
2009-10				848390
2010-11				906316
2011-12		1058440	975222	968659
2016-17			1318644	1392066
2021-22				1914508

Statement-II

The actual demand against the projected figure during last three electric power surveys

Year	Actual Peak Demand	15th EPS Projection	16th EPS Projection	17th EPS Projection
1993-94	54875	54707		
1994-95	57530	58904		
1995-96	60981	63490		
1996-97	63853	68373		
1997-98	65435	73458		
1998-99	67905	78936	67312	
1999-00	72669	84466	75012	
2000-01	78037	90093	79856	
2001-02	78441	95757	85132	
2002-03	81492		90510	
2003-04	84574		96211	
2004-05	87906		102161	90221
2005-06	93255			97269
2006-07	100715	130944	115705	104867
2007-08				113059
2008-09				121891
2009-10				131413
2010-11				141678
2011-12		176647	157107	152746
2016-17			212725	218209
2021-22				298253